

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-025801**Date Inspected:** 20-Jun-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Mr. Lv Li Qing**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Segment Assembly**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Ramesh Gade, was present during the times noted above for observations relative to the work being performed.

Bay 14 / OBG 14E

This QA inspector performed verification Magnetic Particle Testing (MT) approximately 15% of the area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector generated MT report for this date. The member is identified as OBG 14E welds, as per notification # 9538.

The weld designations reviewed are as follows:

SP3120-001-019~ 026

VP3017-007~009

VP3016-009~012, 017

DP3166-001-002~005, 137, 138, 142, 143, 148, 149, 153, 154

Bay 2 / CB19

This QA inspector performed Magnetic Particle Testing (MT) approximately 15% of the area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector generated MT report for this date. The member is identified as CB 19 welds as per ZPMC notification # 09535.

WELDING INSPECTION REPORT

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The weld designations reviewed are as follows:

CB3003A-019-013, 016, 004, 001, 015, 006, 003, 018, 011, 012, 007, 008, 019, 020, 024, 023

SPMC Blast Shop C / OBG Lift 13E

This QA Inspector performed internal after blast VT on OBG 13E in SPMC Blast Shop 'C'.

Bay 14 / OBG Segment 14W

This QA inspector performed Ultrasonic Testing (UT) approximately 10% of the area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector generated UT report for this date. The member is identified as OBG 14W welds as per ZPMC notification # 09534.

The weld designations reviewed are as follows:

DP3172-001-84

SEG3020AQ-025

SEG3020V-028, 032

SEG3020S-051

Summary of Conversations:

No relevant conversations reported on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang (+86)15000 42 2372, who represents the Office of Structural Materials for your project.

Inspected By:	Gade,Ramesh	Quality Assurance Inspector
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Reviewed By:	McClendon,Timothy	QA Reviewer
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